

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 5 654 867 A (MURRAY JOHN H [US]) 5 August 1997 (1997-08-05)	1,5-7, 11,15	INV. F41B15/00
Y	* column 1, lines 11-21 * * column 3, lines 25-31 * * column 4, lines 47-50 * * column 6, lines 10-35 * * figures *	2-4,14	F41H13/00
X	----- US 6 360 645 B1 (MCNULTY JR JAMES F [US] ET AL) 26 March 2002 (2002-03-26) * column 3, line 41 - column 4, line 22 * * figures *	1,5-7, 11,15	
X	----- US 1 915 721 A (HENRIQUEZ DIAZ CIRILO) 27 June 1933 (1933-06-27)	1,5-8, 11,15	
Y	* page 1, lines 53-91 * * figures *	9,10,12, 13	
X	----- US 1 046 985 A (CREEDON JEREMIAH [US]) 10 December 1912 (1912-12-10) * page 1, lines 32-60 * * figures *	1,5-8, 11,15	TECHNICAL FIELDS SEARCHED (IPC)
Y	----- US 2011/002077 A1 (BRUNDULA STEVEN N D [US] ET AL) 6 January 2011 (2011-01-06) * paragraph [0169] * * paragraph [0172] * * paragraph [0181] - paragraph [0182] *	2-4,14	F41H
Y	----- CN 2 151 434 Y (YU LING [CN]) 29 December 1993 (1993-12-29) * abstract; figures *	9,12,13	
Y	----- CN 2 187 776 Y (WANG, ZHILIN) 18 January 1995 (1995-01-18)	10	
A	* abstract; figures *	12,13	
	----- -/--		
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search The Hague		Date of completion of the search 26 September 2017	Examiner Gex-Collet, A
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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EPO FORM 1503 03 82 (P04C04)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 15 76 9656

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

26-09-2017

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5654867	A	05-08-1997	NONE	
US 6360645	B1	26-03-2002	NONE	
US 1915721	A	27-06-1933	NONE	
US 1046985	A	10-12-1912	NONE	
US 2011002077	A1	06-01-2011	US 2011002077 A1	06-01-2011
			US 2012257320 A1	11-10-2012
			US 2013208392 A1	15-08-2013
CN 2151434	Y	29-12-1993	NONE	
CN 2187776	Y	18-01-1995	NONE	
US 2007019357	A1	25-01-2007	US 2007019357 A1	25-01-2007
			WO 2007001987 A2	04-01-2007